

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072707.D
 Acq On : 08 Jun 2022 18:40
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 09 04:24:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 04:20:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	174826	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	328641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	344895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	168563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	710945	281.341	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 562.680%#			
35) Dibromofluoromethane	8.016	113	485547	204.344	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 408.680%#			
50) Toluene-d8	10.439	98	1957923	213.924	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 427.840%#			
62) 4-Bromofluorobenzene	12.727	95	723834	238.403	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 476.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	424815	228.632	ug/l	100
3) Chloromethane	2.293	50	461113	187.692	ug/l	99
4) Vinyl Chloride	2.434	62	441601	237.016	ug/l	99
5) Bromomethane	2.805	94	210366	195.976	ug/l	99
6) Chloroethane	2.963	64	296907	207.700	ug/l	100
7) Trichlorofluoromethane	3.334	101	698372	224.975	ug/l	99
8) Diethyl Ether	3.810	74	296358	263.816	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.187	101	393830	214.436	ug/l	90
10) Methyl Iodide	4.404	142	414428	200.719	ug/l	# 87
11) Tert butyl alcohol	5.375	59	803410	1535.181	ug/l	99
12) 1,1-Dichloroethene	4.163	96	373651	220.160	ug/l	85
13) Acrolein	4.028	56	346249	1201.658	ug/l	95
14) Allyl chloride	4.828	41	841762	251.878	ug/l	90
15) Acrylonitrile	5.546	53	1825507	1312.521	ug/l	99
16) Acetone	4.281	43	1678705	1403.684	ug/l	92
17) Carbon Disulfide	4.516	76	883355	208.506	ug/l	97
18) Methyl Acetate	4.846	43	851573	227.580	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	1740054	271.442	ug/l	99
20) Methylene Chloride	5.081	84	482192	202.845	ug/l	# 87
21) trans-1,2-Dichloroethene	5.587	96	400492	217.671	ug/l	87
22) Diisopropyl ether	6.493	45	1781342	254.141	ug/l	97
23) Vinyl Acetate	6.428	43	8317341	1367.852	ug/l	94
24) 1,1-Dichloroethane	6.381	63	914803	243.539	ug/l	98
25) 2-Butanone	7.328	43	2698584	1367.863	ug/l	91
26) 2,2-Dichloropropane	7.316	77	783165	261.986	ug/l	94
27) cis-1,2-Dichloroethene	7.316	96	521107	222.280	ug/l	88
28) Bromochloromethane	7.651	49	431693	265.511	ug/l	# 76
29) Tetrahydrofuran	7.681	42	1671030	1370.707	ug/l	90
30) Chloroform	7.816	83	953040	241.269	ug/l	98
31) Cyclohexane	8.092	56	742708	208.452	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	870479	259.179	ug/l	97
36) 1,1-Dichloropropene	8.216	75	668038	204.122	ug/l	95
37) Ethyl Acetate	7.410	43	1018148	225.512	ug/l	96
38) Carbon Tetrachloride	8.204	117	728841	209.574	ug/l	99
39) Methylcyclohexane	9.457	83	756359	191.629	ug/l	94
40) Benzene	8.457	78	2003190	191.917	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	356818m	159.272	ug/l	
42) 1,2-Dichloroethane	8.522	62	843615	235.290	ug/l	95
43) Isopropyl Acetate	8.557	43	1656789	257.039	ug/l	93
44) Trichloroethene	9.210	130	480306	182.497	ug/l	85
45) 1,2-Dichloropropane	9.486	63	554490	202.154	ug/l	100
46) Dibromomethane	9.575	93	392033	213.380	ug/l #	81
47) Bromodichloromethane	9.757	83	826606	226.514	ug/l	99
48) Methyl methacrylate	9.557	41	758460	245.833	ug/l #	85
49) 1,4-Dioxane	9.569	88	269714	4474.684	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	5394893	1224.886	ug/l	92
52) Toluene	10.504	92	1286216	194.737	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	944225	248.375	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	945361	226.984	ug/l #	83
55) 1,1,2-Trichloroethane	10.892	97	549008	200.288	ug/l	95
56) Ethyl methacrylate	10.757	69	1023432	233.745	ug/l #	82
57) 1,3-Dichloropropane	11.039	76	984855	209.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	2191061	1179.265	ug/l	93
59) 2-Hexanone	11.080	43	3978218	1246.034	ug/l	89
60) Dibromochloromethane	11.233	129	615466	209.040	ug/l	99
61) 1,2-Dibromoethane	11.345	107	575374	200.614	ug/l	100
64) Tetrachloroethene	10.975	164	397317	153.598	ug/l	90
65) Chlorobenzene	11.769	112	1385215	172.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	551187	180.428	ug/l	98
67) Ethyl Benzene	11.839	91	2640553	190.642	ug/l	97
68) m/p-Xylenes	11.951	106	1888576	363.049	ug/l	88
69) o-Xylene	12.275	106	965869	190.866	ug/l	91
70) Styrene	12.292	104	1610351	196.979	ug/l	95
71) Bromoform	12.457	173	425655	172.851	ug/l	98
73) Isopropylbenzene	12.574	105	2552875	164.965	ug/l	98
74) N-amyl acetate	12.386	43	1273700	215.366	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.822	83	818591	148.006	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	726485m	155.052	ug/l	
77) Bromobenzene	12.857	156	515581	139.421	ug/l	70
78) n-propylbenzene	12.916	91	2980175	173.488	ug/l	96
79) 2-Chlorotoluene	13.004	91	1769721	165.708	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	2080055	171.991	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	315093	189.187	ug/l	92
82) 4-Chlorotoluene	13.104	91	1719803	176.283	ug/l	94
83) tert-Butylbenzene	13.322	119	1824862	164.278	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	2031255	171.638	ug/l	95
85) sec-Butylbenzene	13.498	105	2581934	172.943	ug/l	97
86) p-Isopropyltoluene	13.610	119	2076363	176.945	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	900764	144.072	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	887599	144.128	ug/l	96
89) n-Butylbenzene	13.939	91	1849639	193.059	ug/l	97
90) Hexachloroethane	14.210	117	445149	184.752	ug/l	73
91) 1,2-Dichlorobenzene	13.986	146	867767	143.988	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	220777	221.316	ug/l	74
93) 1,2,4-Trichlorobenzene	15.263	180	470041	151.280	ug/l	97
94) Hexachlorobutadiene	15.368	225	192370	107.445	ug/l	98
95) Naphthalene	15.504	128	1933246	182.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	471174	142.071	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

